

## Chapter 5

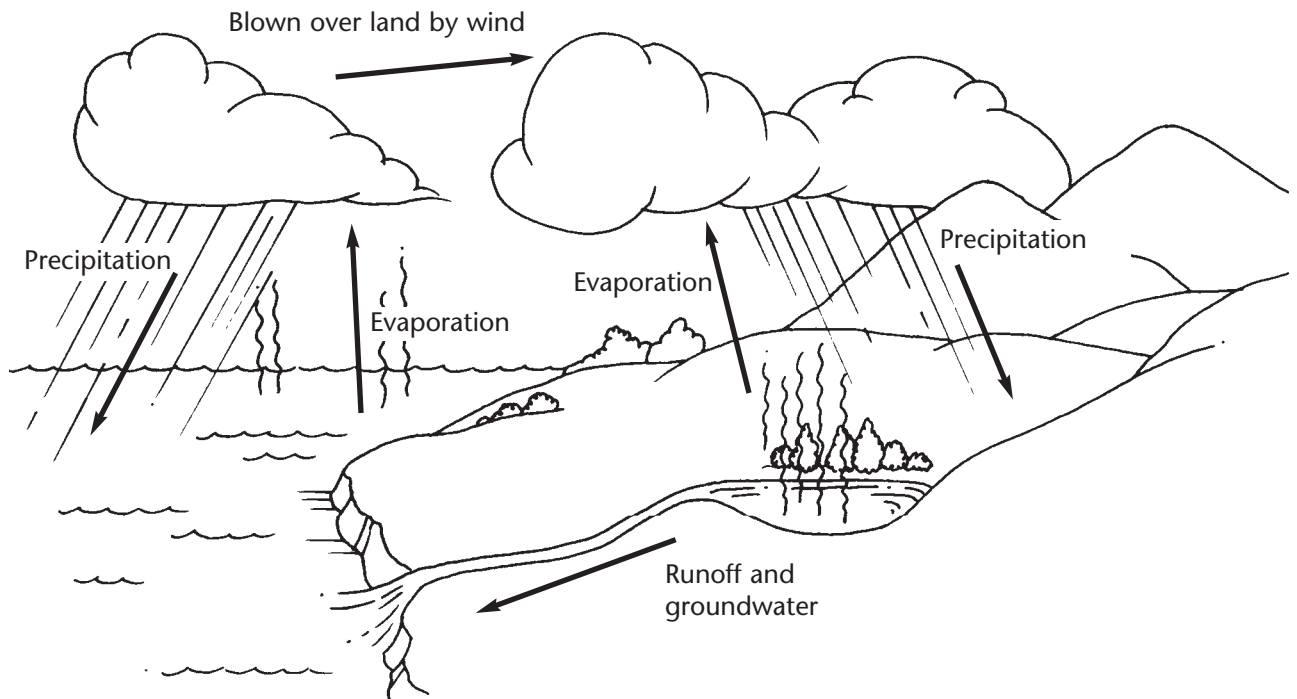
Use with Section 1

## ENRICHMENT

# • Energy and How It Changes

## The Hydrologic Cycle

This model of the hydrologic, or water, cycle shows the circulation of Earth's water. Water evaporates from oceans, inland waters, and vegetation. As the water vapor cools, it condenses to form clouds. Moisture is transported by the clouds and deposited as rain, snow, or hail. Some of the precipitation is absorbed by the ground and becomes groundwater. Some of it returns to rivers, lakes, and oceans as runoff.



Answer the following questions, using complete sentences.

1. Describe the transfer of energy in this system.

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2. Is the water in this system conserved? Do you think the total amount of Earth's water remains the same? Explain your thinking.

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